

Figure 1

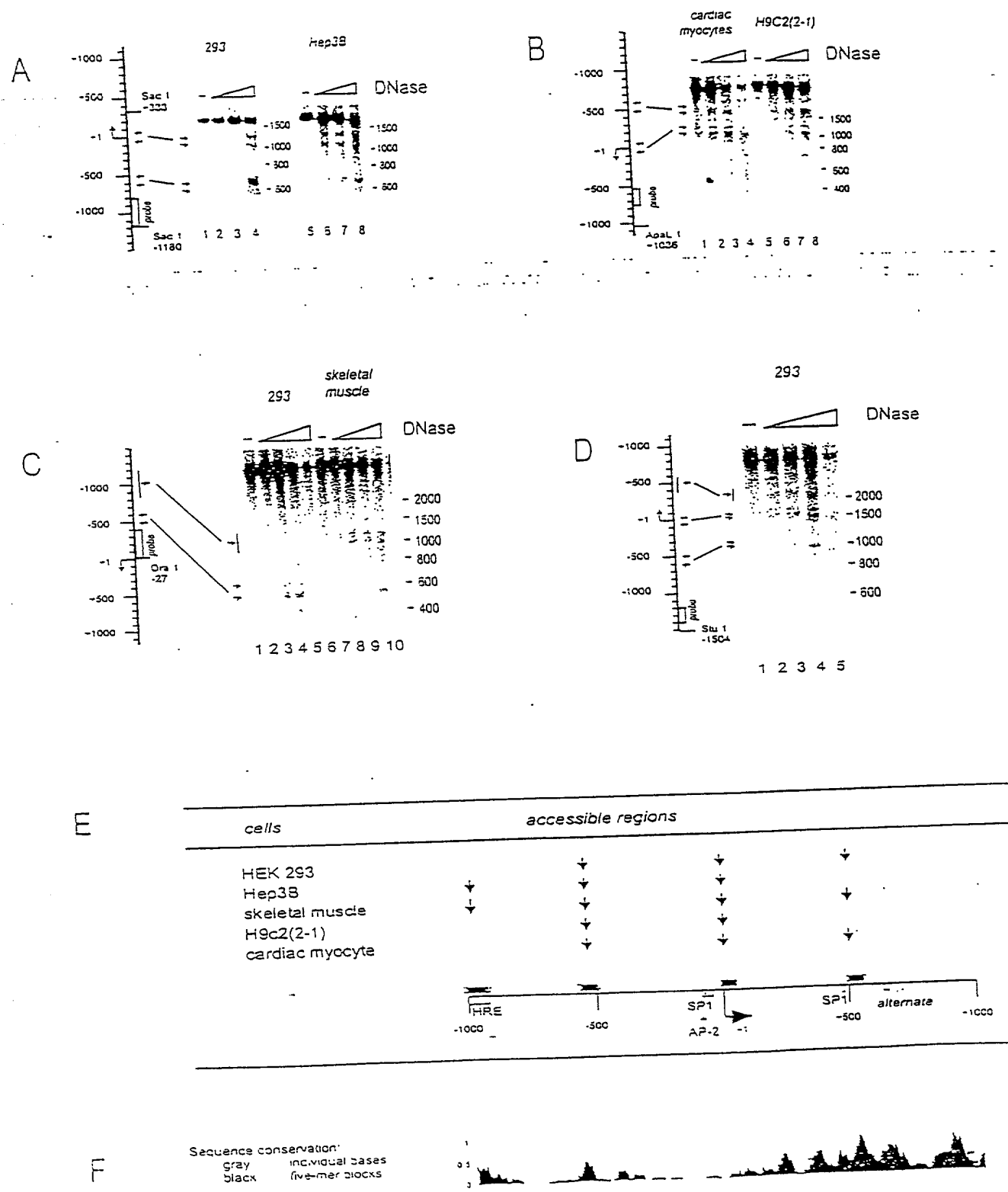
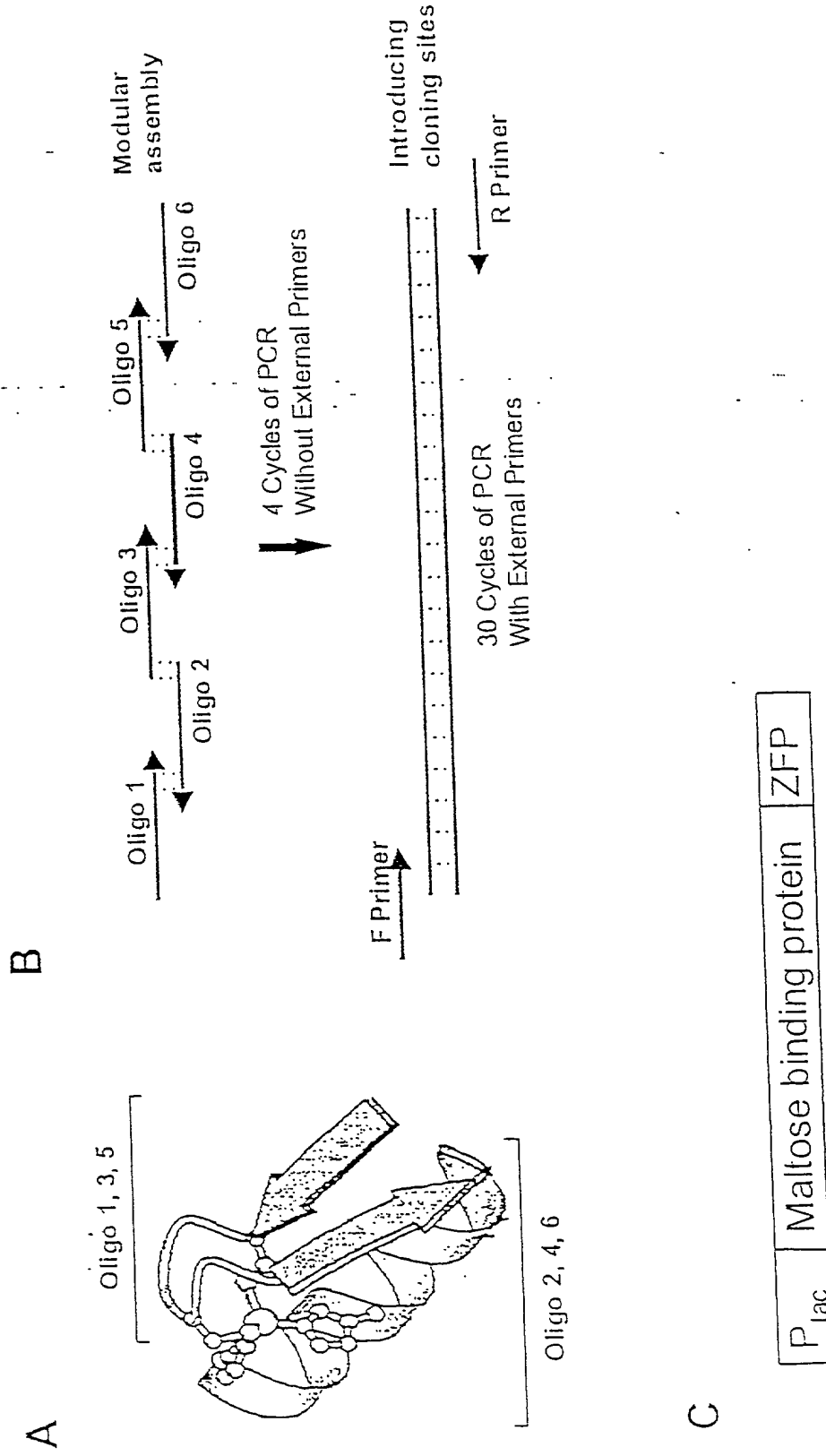


Figure 2



D

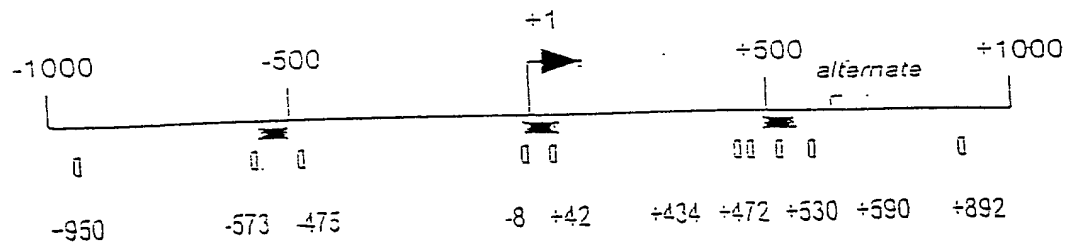
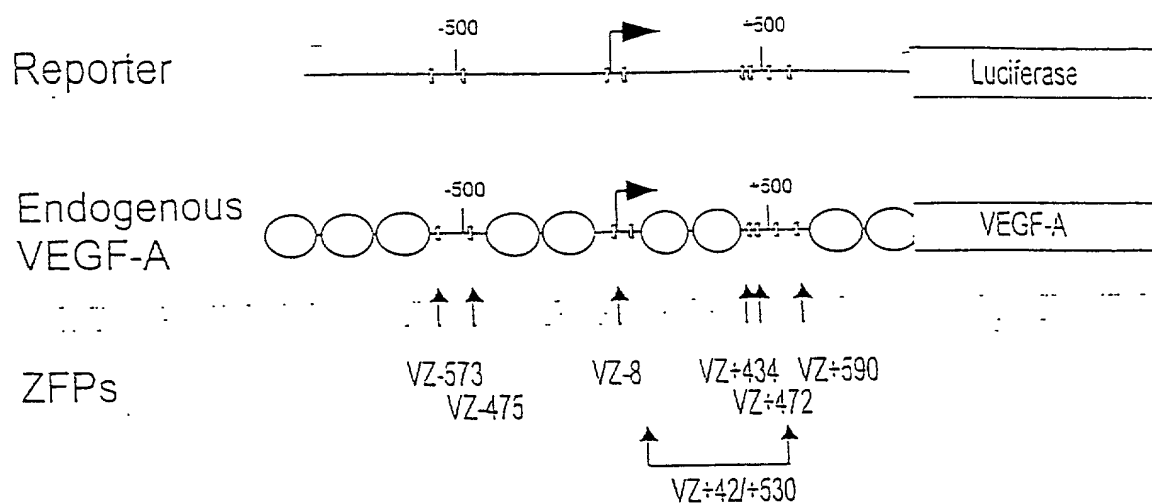


Figure 3

A



B

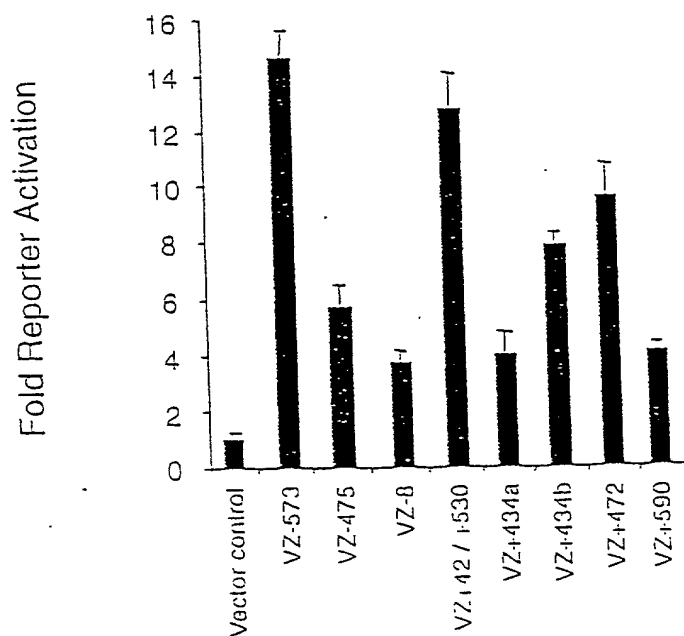
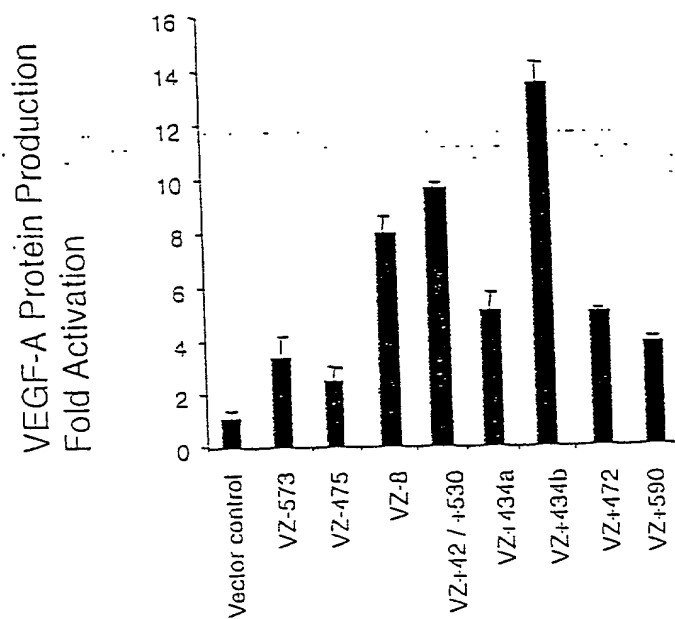


Figure 3

C



D

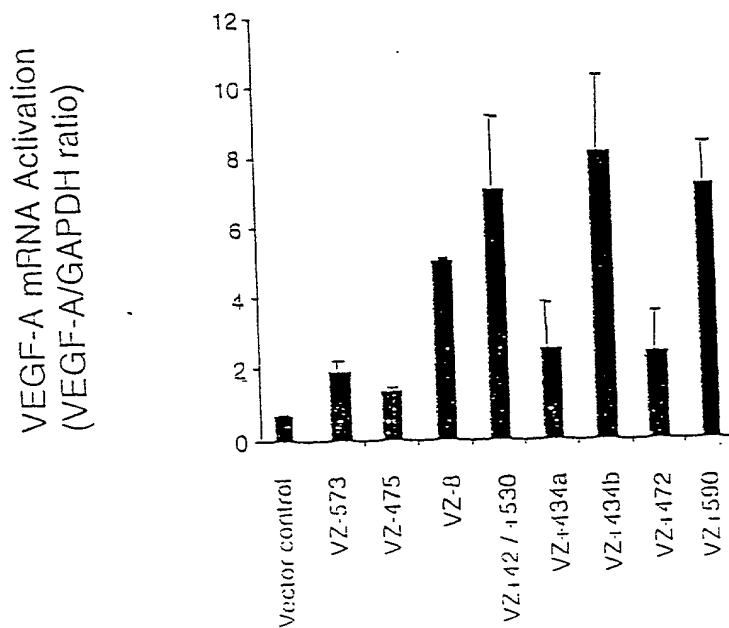
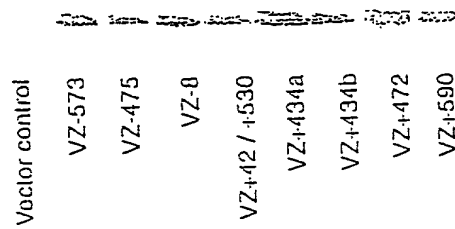


Figure 3

E

ZFP
Protein



T

Relative ZFP mRNA levels
(VP16 / GAPDH by Taqman)

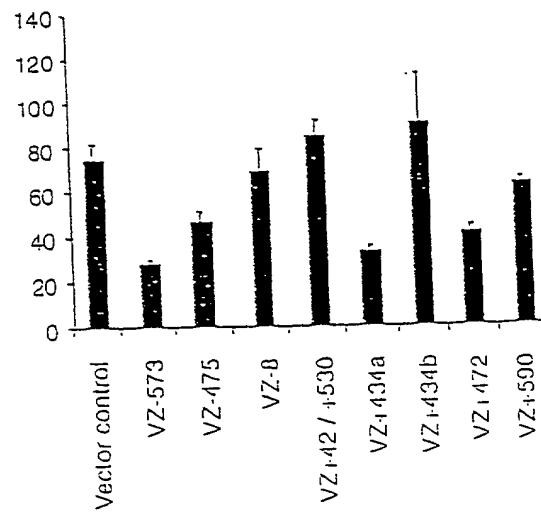
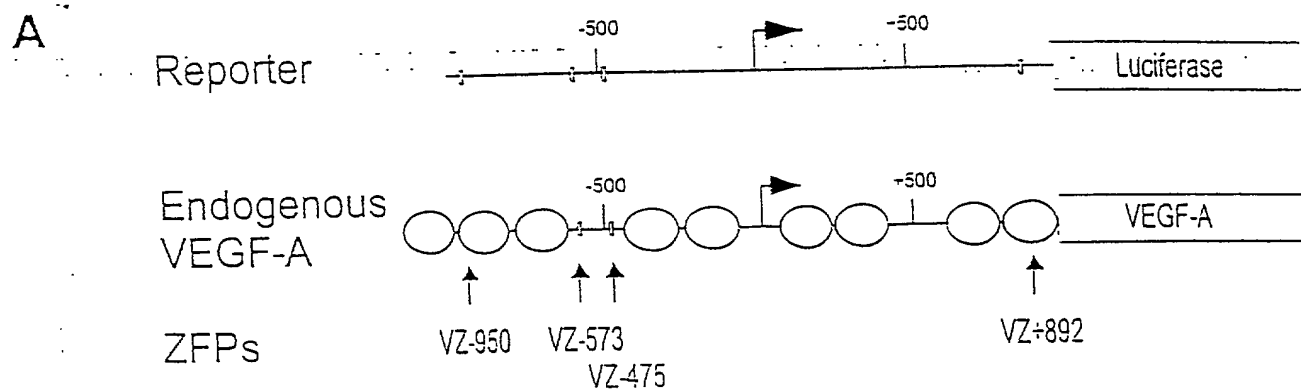
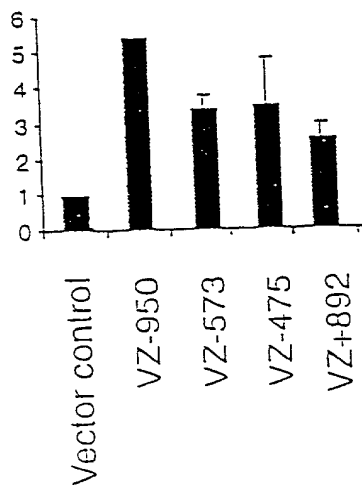


Figure 4



B

Fold Reporter Activation



C

Endogenous VEGF-A protein fold activation

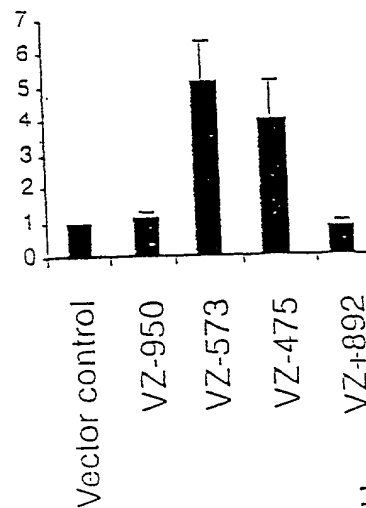


Figure 5

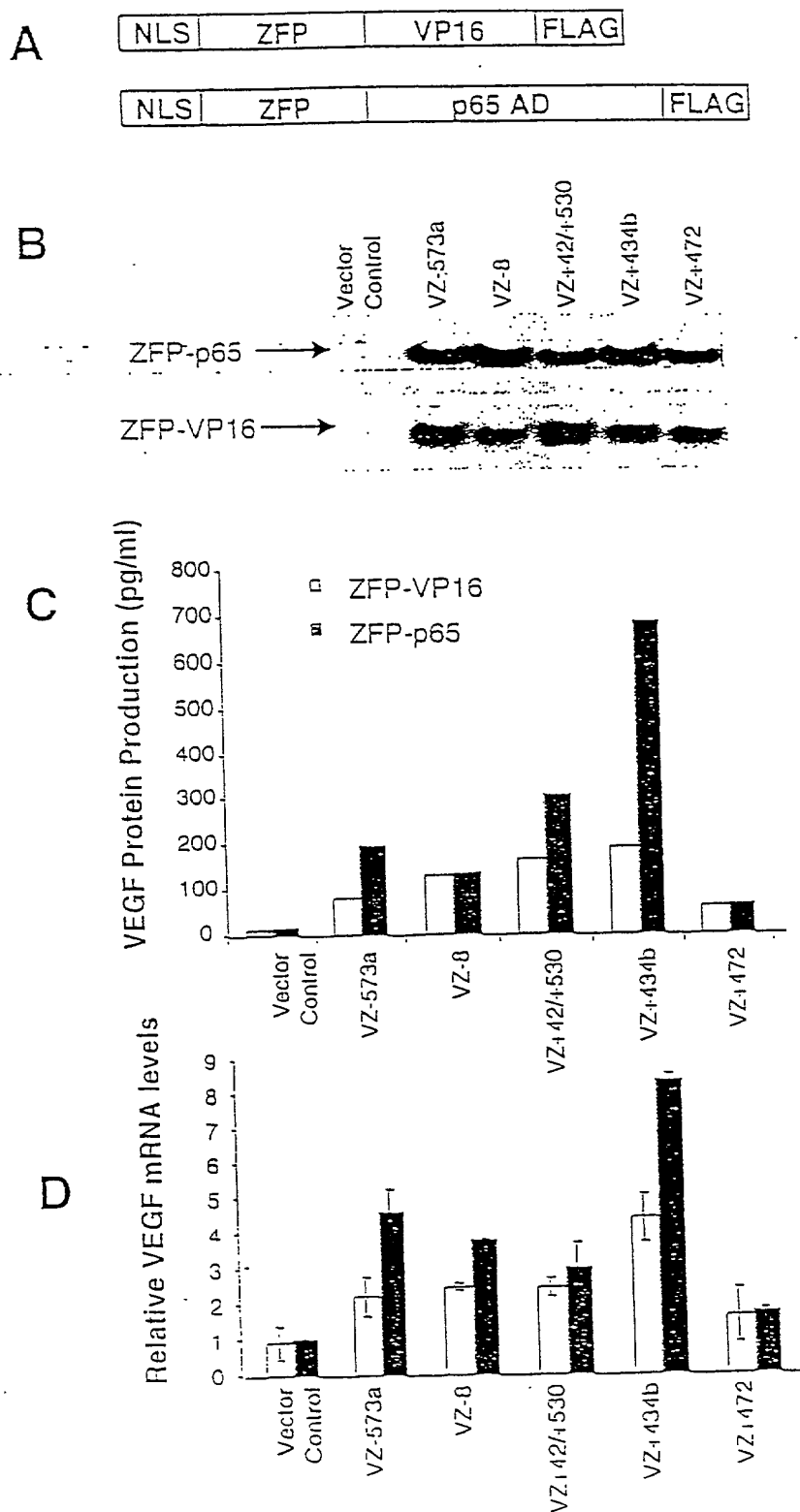


Figure 6

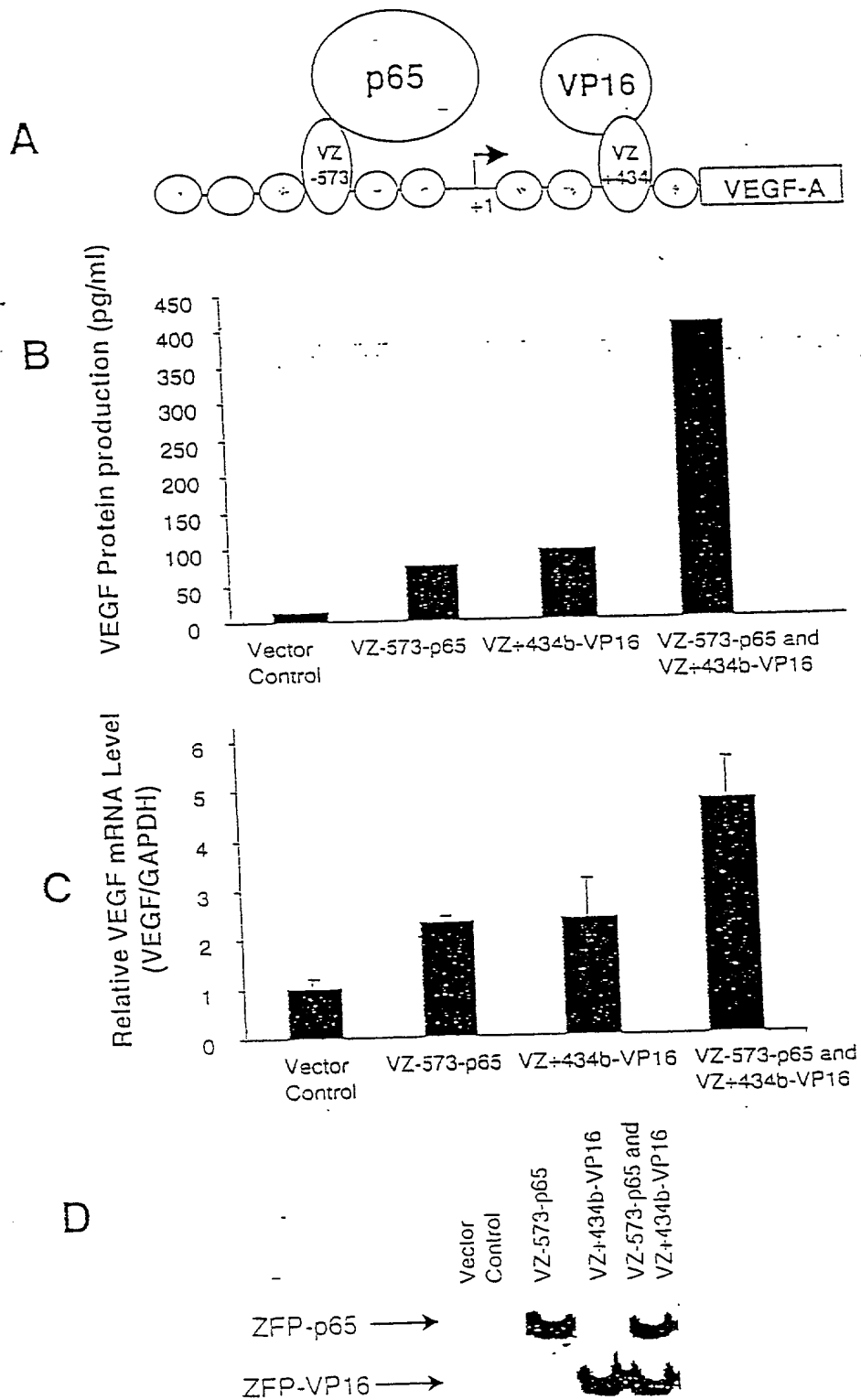


Figure 7

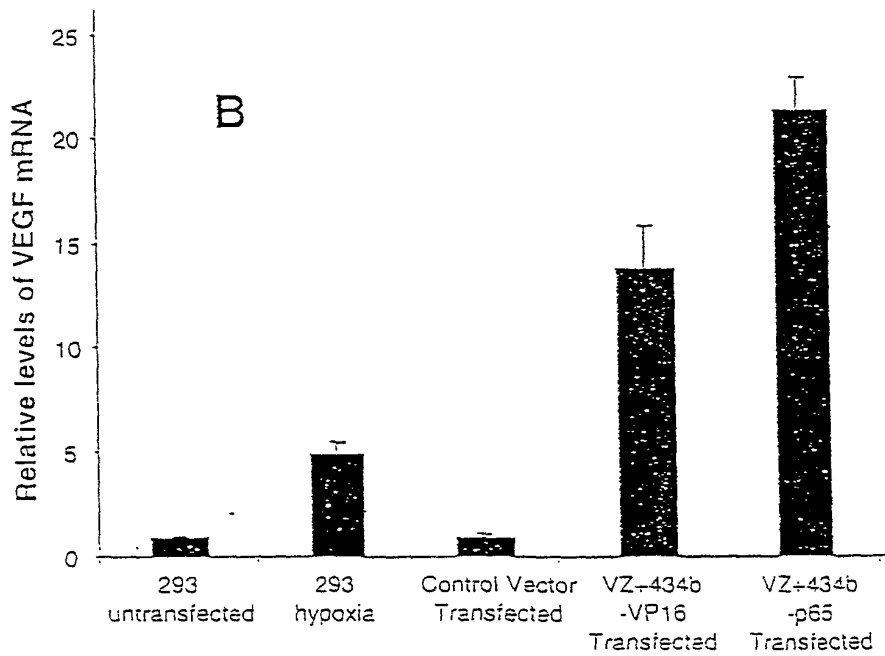
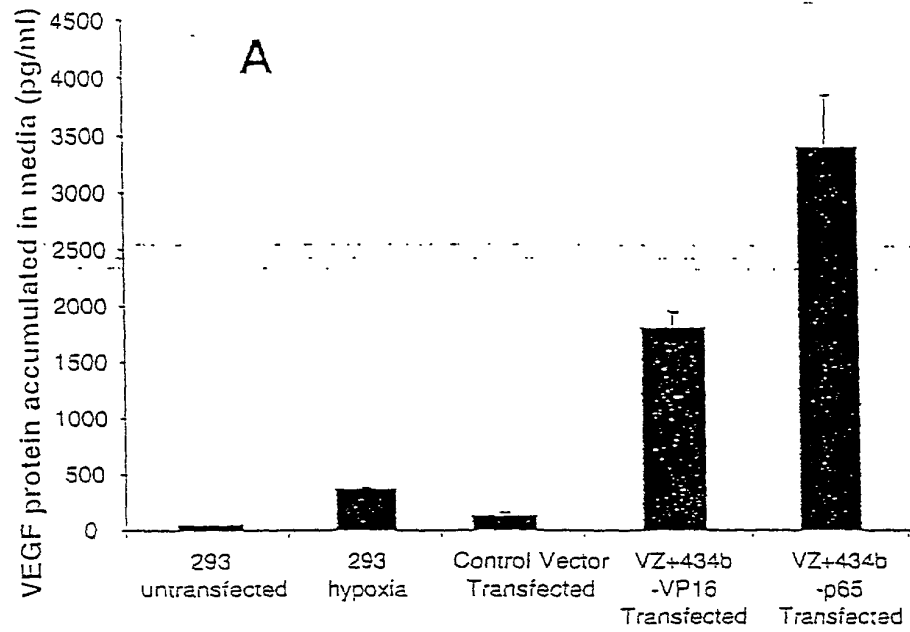
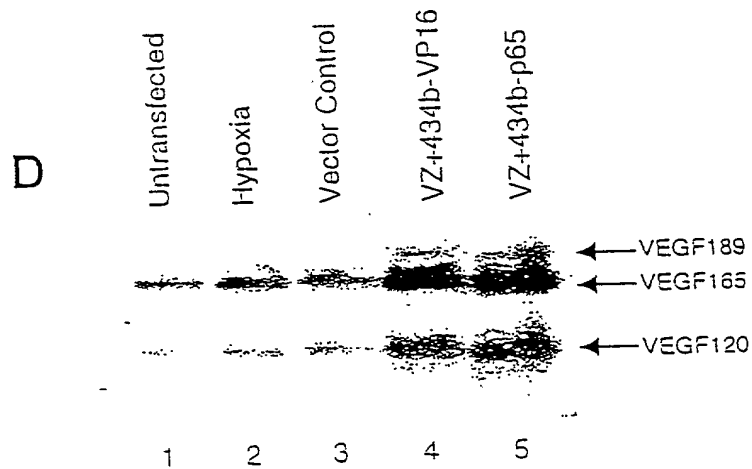
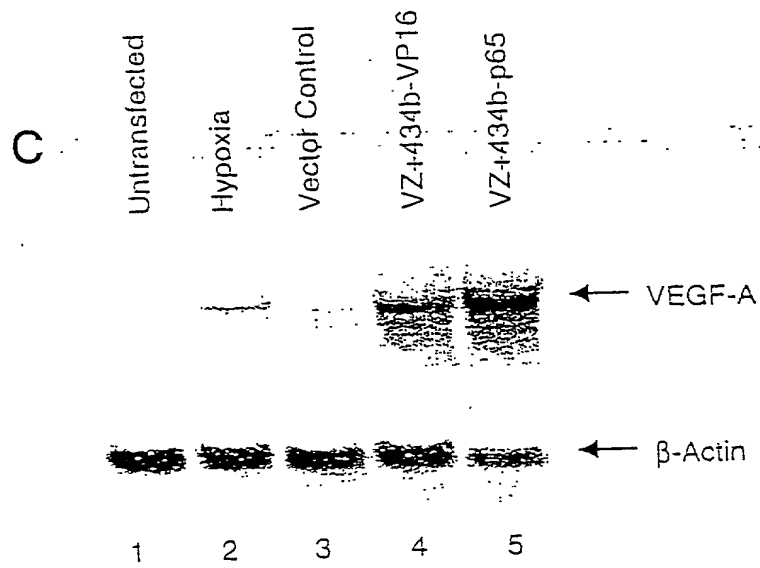


Figure 7



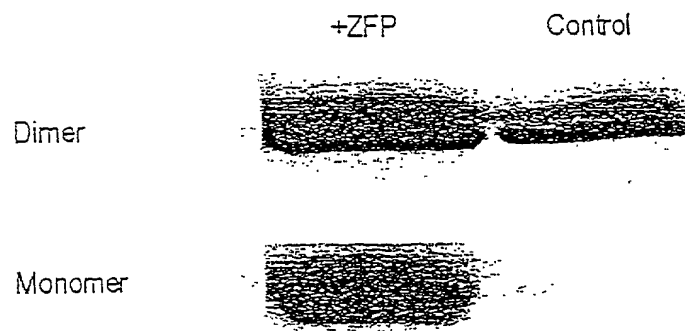
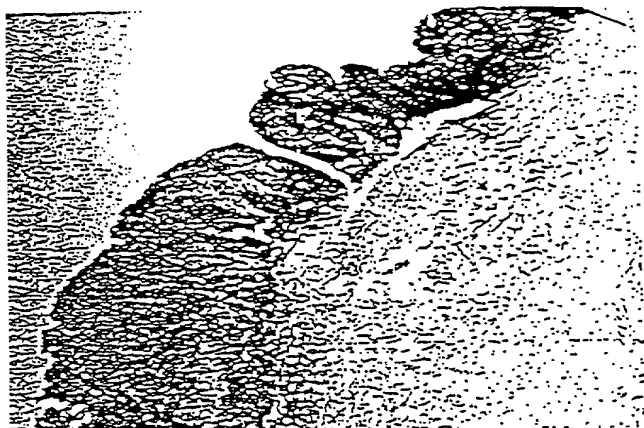


FIG. 8

Control

A.



+ ZFP

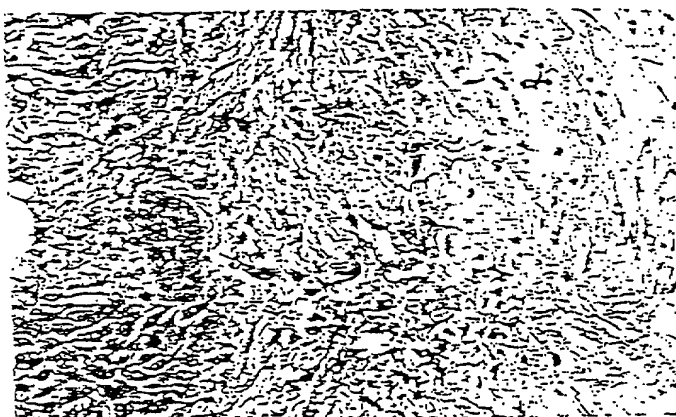
B.



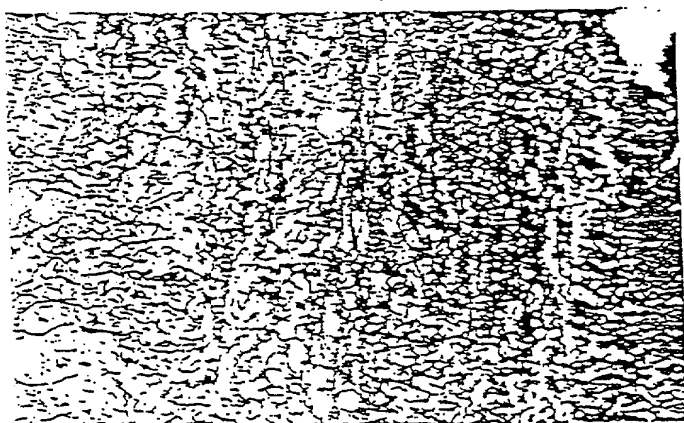
C.



D.



E.



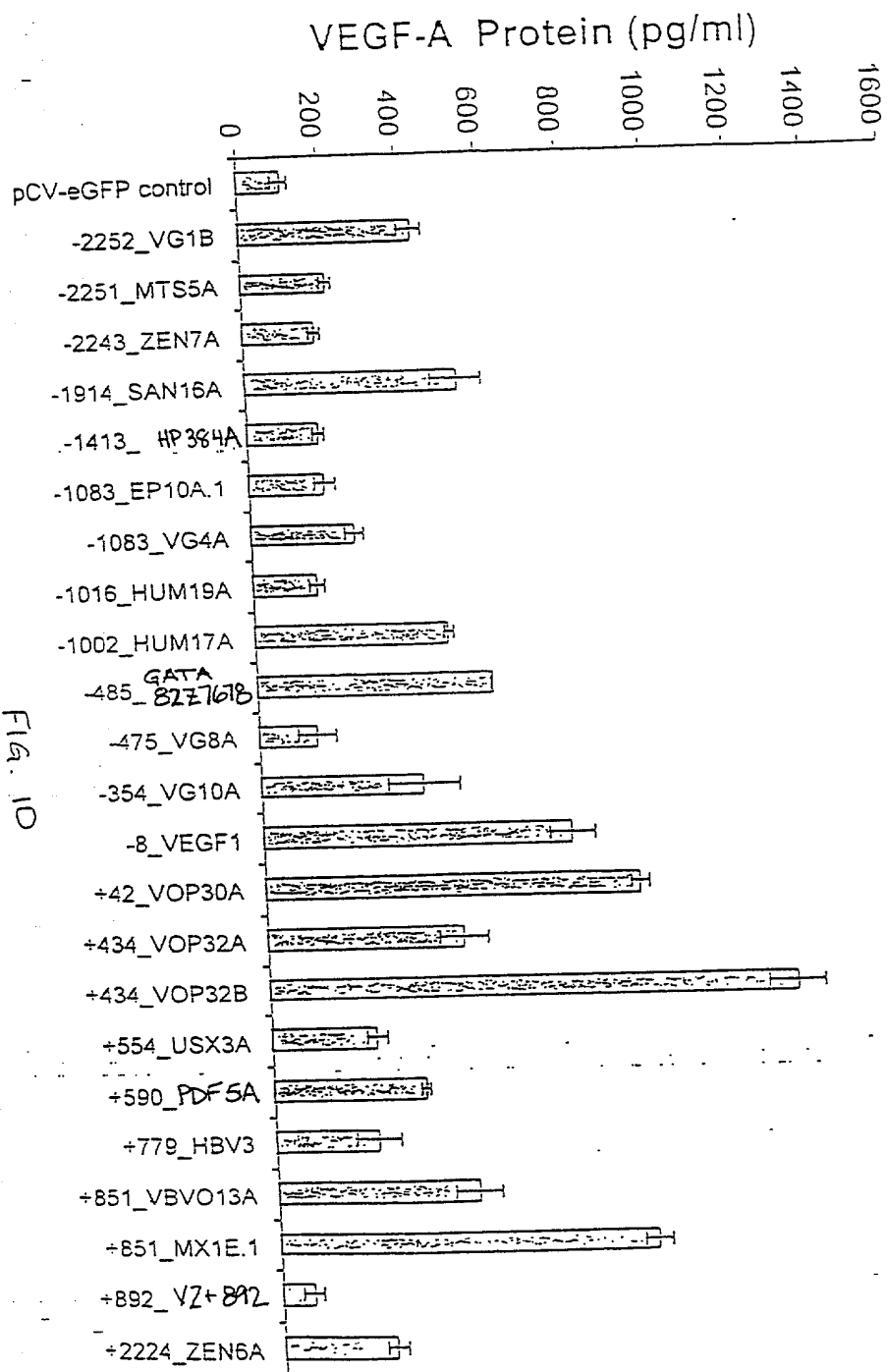
F.



FIG. 9

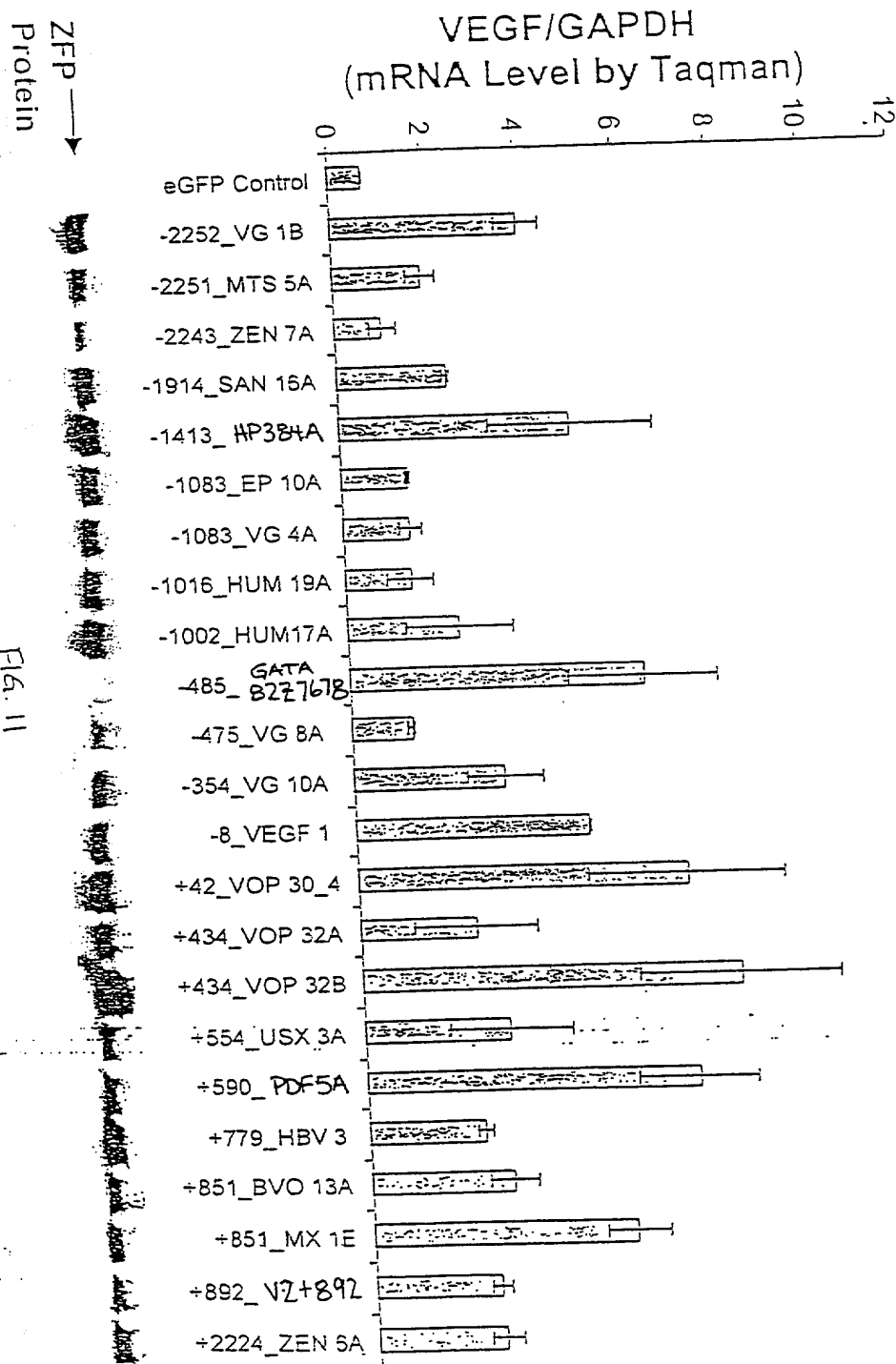
10006069-120601

FIG. 10



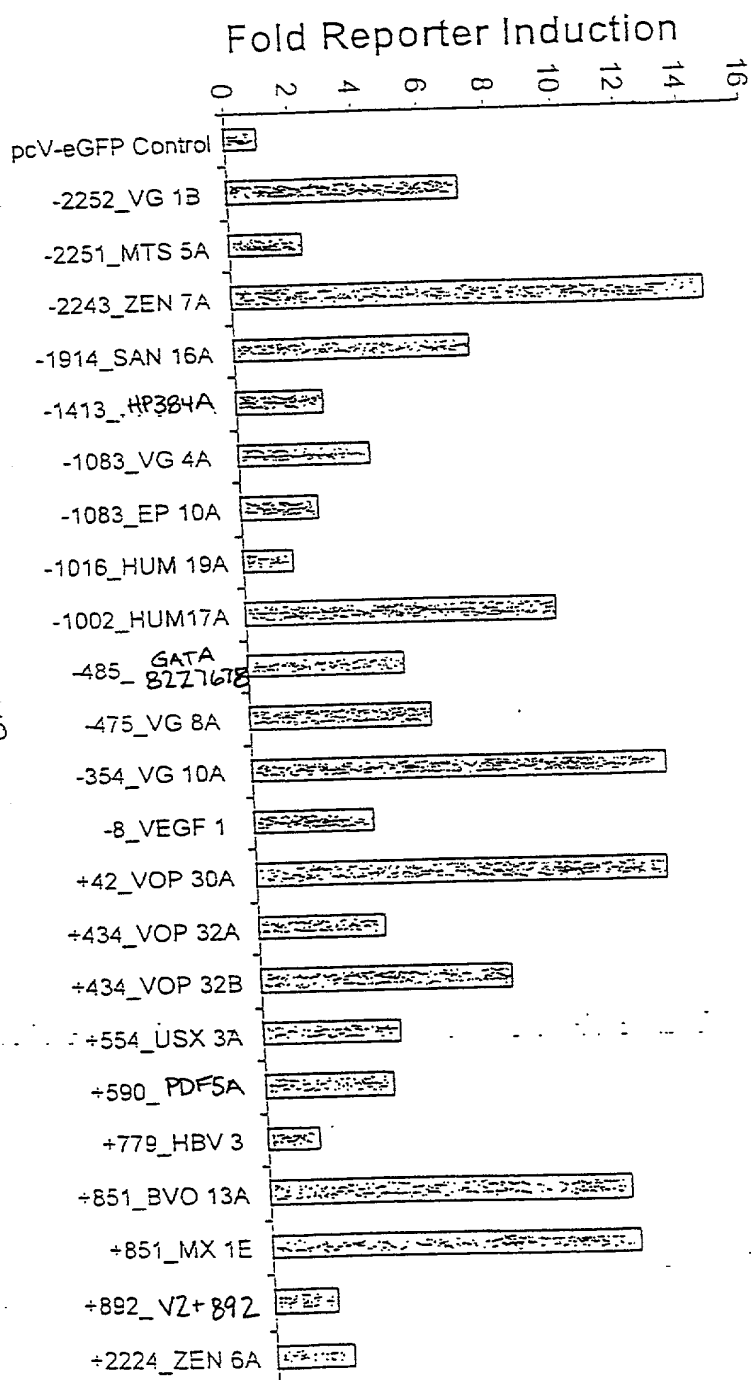
10005069.120501

FIG. 11



10005069.120601

Fig. 12



VEGF Production (pg/ml)

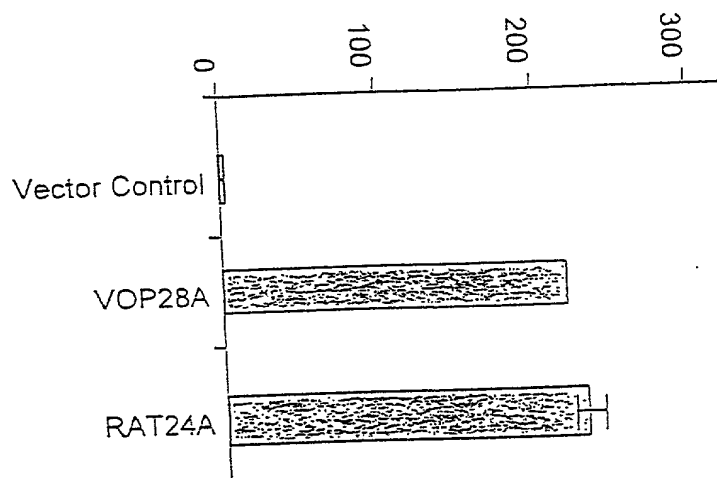


FIG. 13

10006069.120601

Figure 14

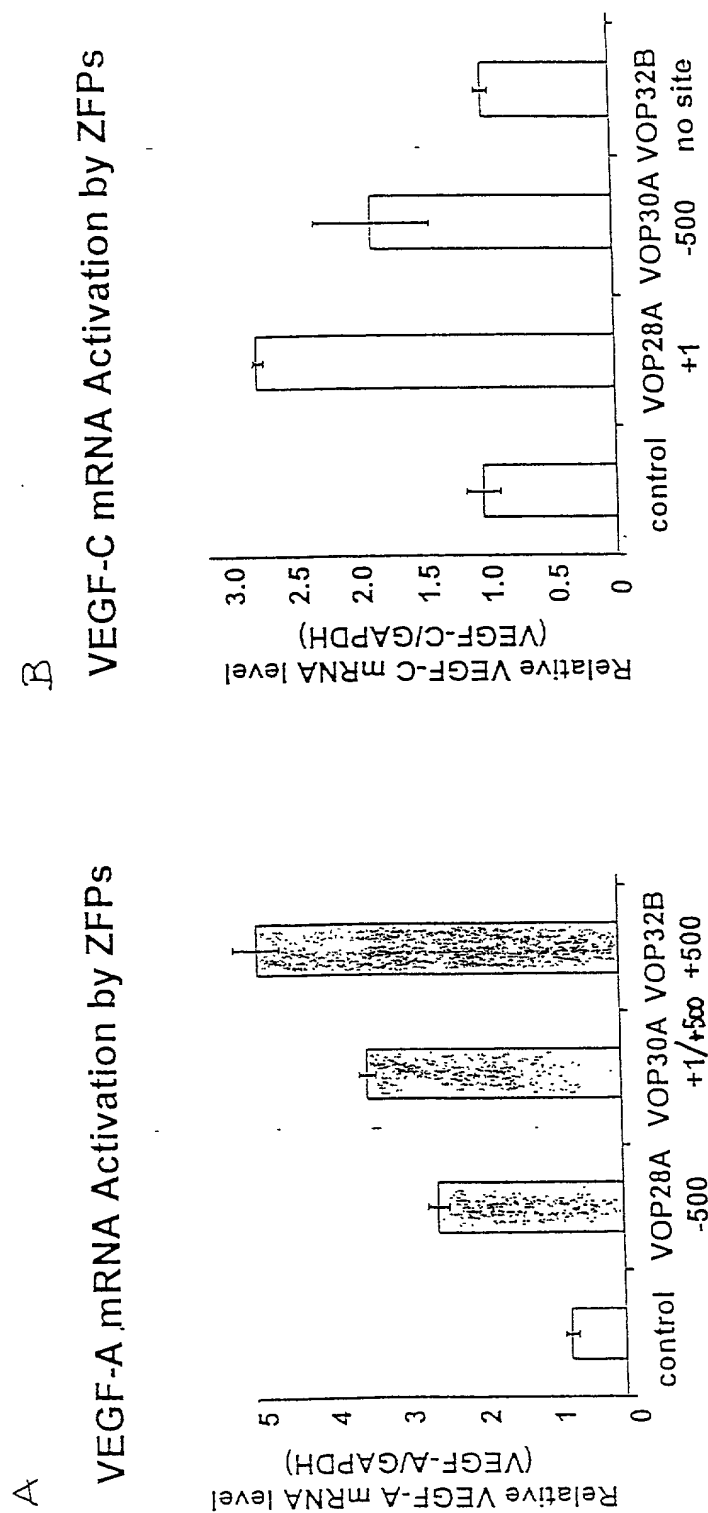
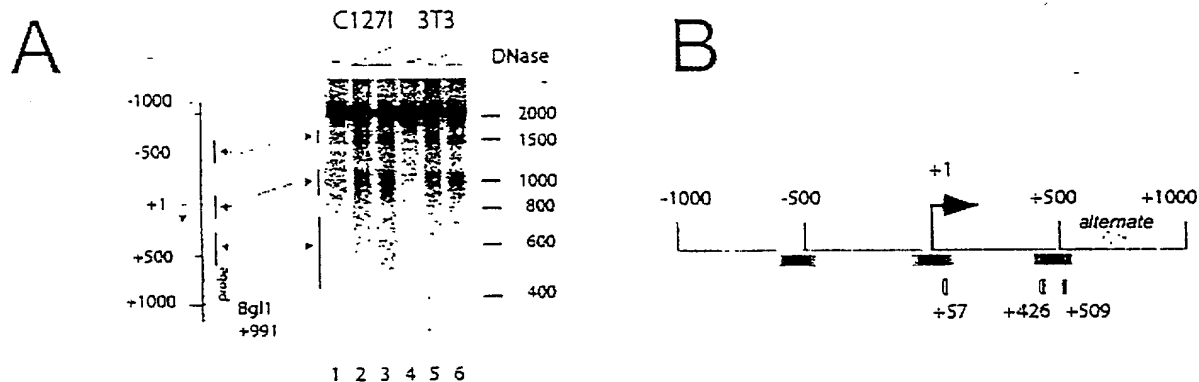


Figure 15



C

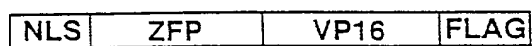
ZFP Name	Target Sequence 5' - 3'	Subsites 5' - 3'	Finger Designs -1 1 2 3 4 5 6
mVZ+57	TGAGCGGGCGGCAGCGGAGc	TGAGc GGGc GGCg GCAc GGCg GAGc	QSGHLTK F6 RSDLSR F5 RSDLTR F4 QSGSLTR F3 RSDLTR F2 RSDNLR F1
mVZ+426	GGGGGTGACc	GGGc GGTc GACc	RSDHLR F3 TSGHLR F2 DRSNLTR F1
mVZ+509	GCTGGGGGCGg	GCTc GGGc GGCg	QSSDLTR F3 RSDHLTR F2 DRSHLTR F1

D

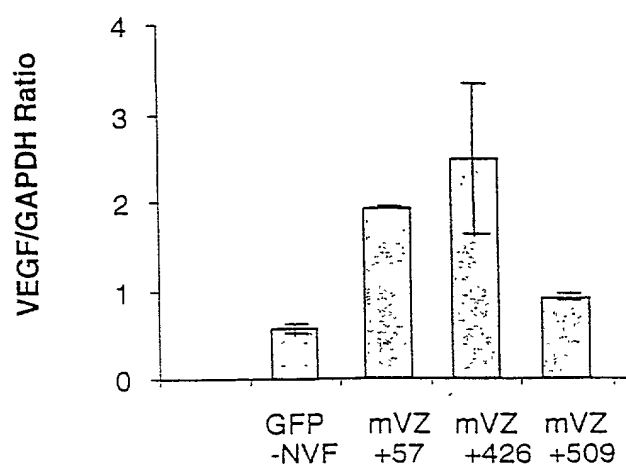
ZFP	Target	Gel Shift	Apparent Kd (nM)
mVZ+57	TGAGCGGGCGGCAGCGGAGc		0.031
mVZ+426	GGGGGTGACc		<0.01
mVZ+509	GCTGGGGGCGg		<0.01
SP1	GGGGCGGGGg		0.053

Figure 16

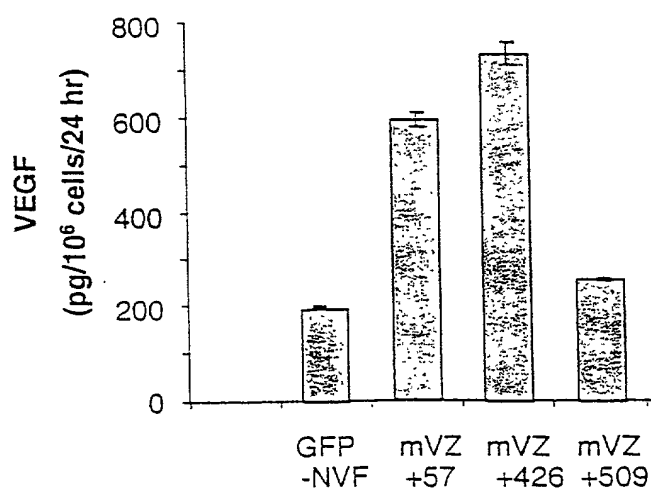
A



B



C



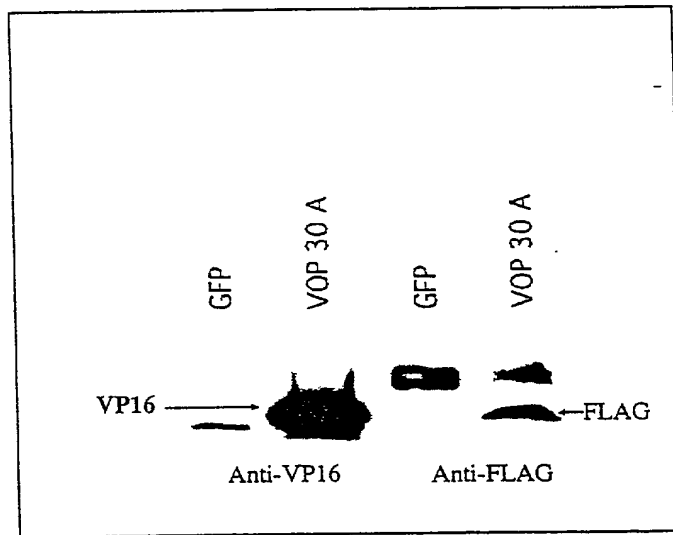


FIG. 17A

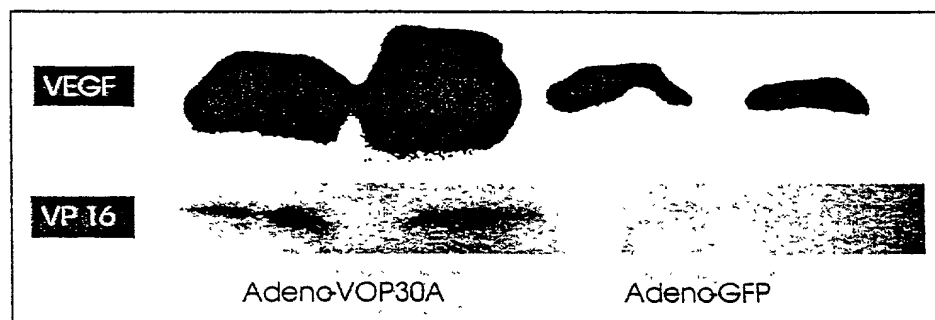


FIG. 17B

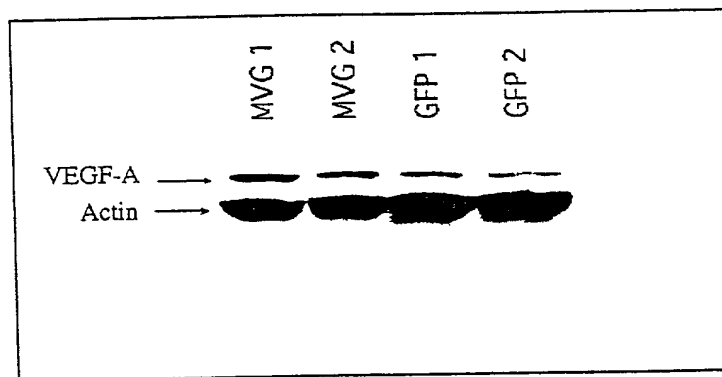


FIG. 17C

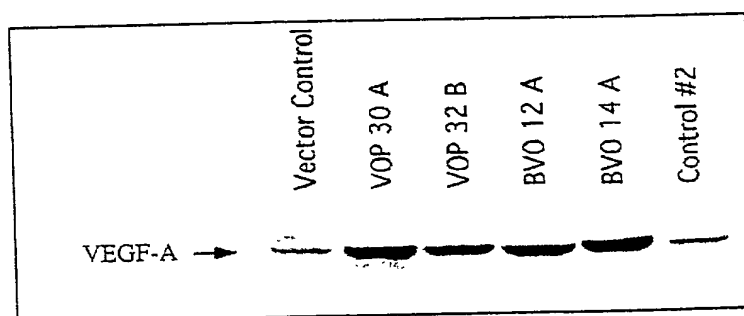


FIG. 17D

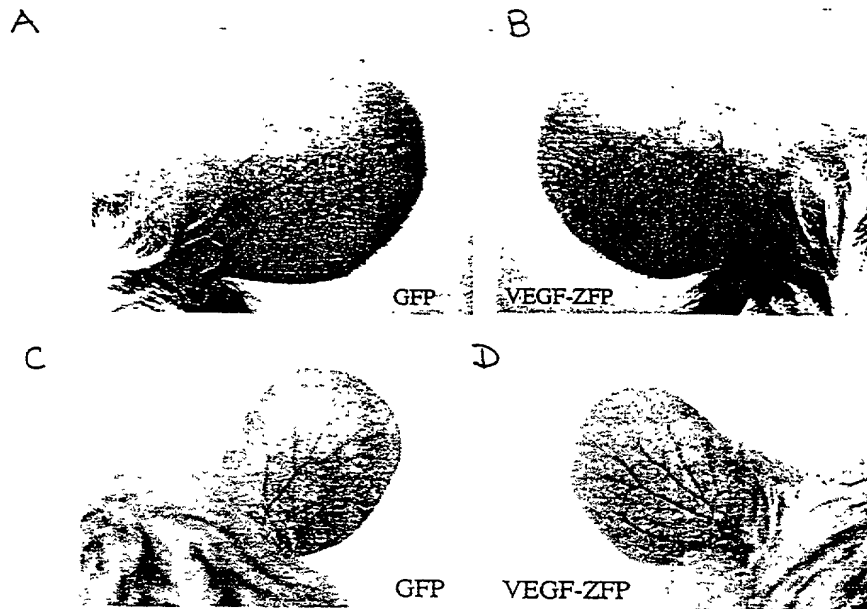


FIG. 18

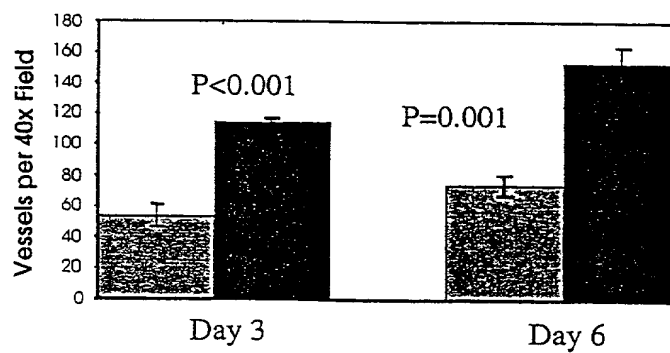


FIG. 18 E

FIG. 19A

GFP



FIG. 19B

MVG

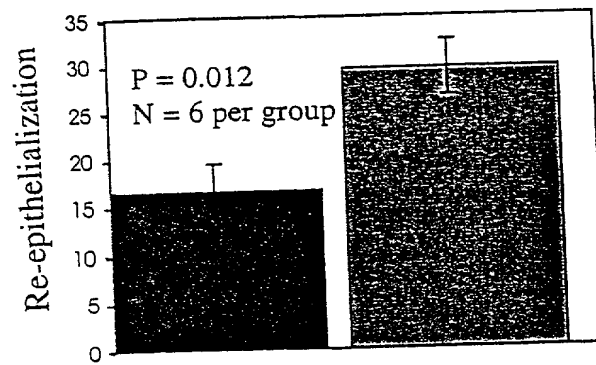
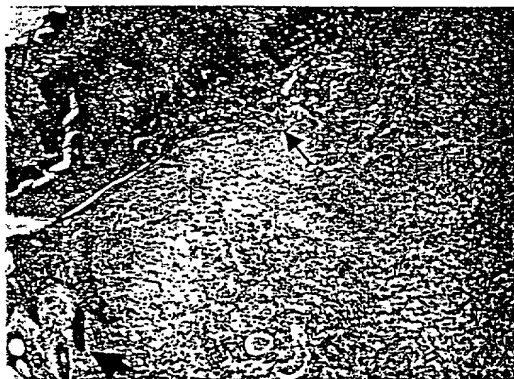
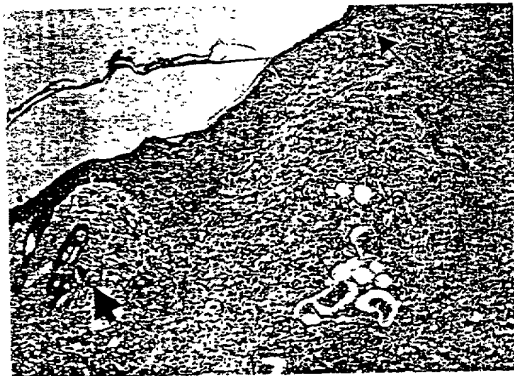


FIG. 19C



VEGF-ZFP (MVG)
(MVG)

FIG. 20A



GFP Control

FIG. 20B

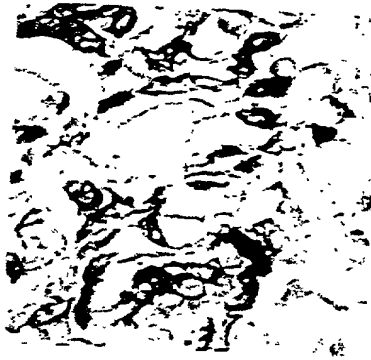


FIG. 21 A



FIG. 21 B

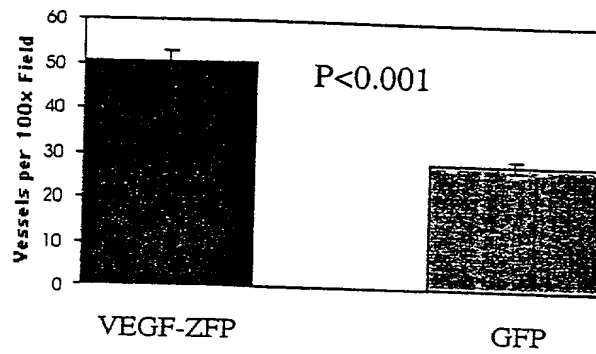


FIG. 21C

Figure 22

